

Production, trade and supply of fuel oil

Thousand metric tons and kilograms per capita

Table Notes

Production includes output from refineries and plants.

Please refer to the Definitions Section on pages ix to xv for the appropriate product description /classification, and xvi to xvii for the descriptions of relevant flows.

Figure 63: Production of fuel oil by region, 1990-2021

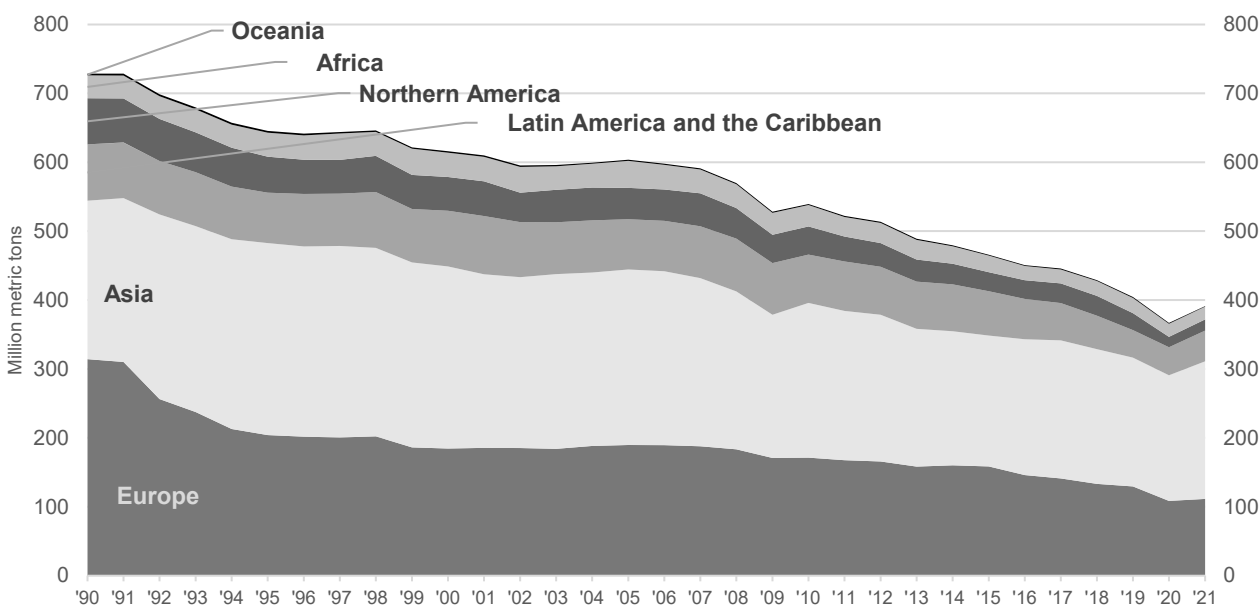


Figure 64: Major fuel oil producing countries, 2021

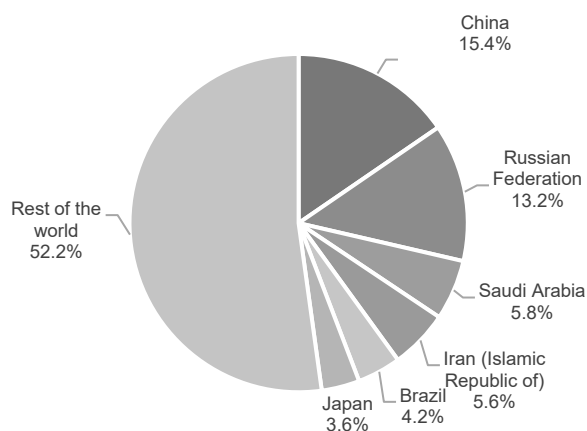


Figure 65: Major fuel oil consuming countries, 2021

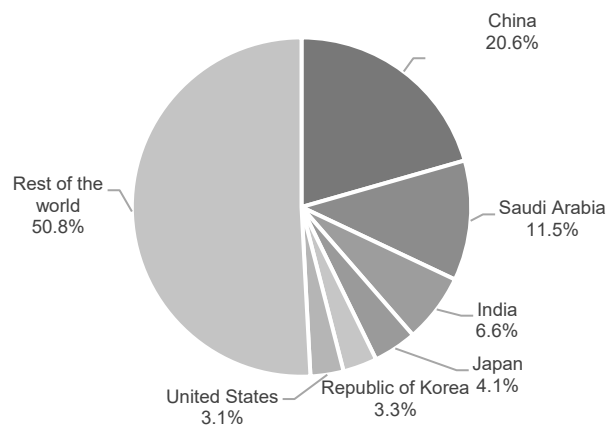


Table 23

Production, trade and supply of fuel oil

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Bunkers	Changes in stocks	Supply	
							Total	Per capita
World	2018	428,894	226,532	281,512	167,334	-5,685	212,265	28
	2019	404,397	212,471	236,139	165,281	1,167	214,281	28
	2020	366,750	205,460	224,279	156,946	3,666	187,320	24
	2021	391,204	221,091	242,831	162,714	-4,402	211,152	27
Africa	2018	21,524	6,684	9,240	3,098	-133	16,003	12
	2019	21,973	6,149	8,522	2,799	345	16,456	12
	2020	19,235	5,854	13,184	2,926	-876	9,855	7
	2021	18,562	6,166	10,558	2,770	-1,324	12,724	9
Algeria	2018	5,822	141	5,810	156	-21	18	0
	2019	5,915	79	5,687	17	129	161	4
	2020	5,920	0	5,793	189	-52	-10	0
	2021	5,447	0	5,414	179	-92	-54	-1
Angola	2018	614	..	377	252	*20	-35	-1
	2019	1,072	..	409	273	399	-8	0
	2020	574	..	556	182	-253	91	3
	2021	569	..	462	204	-343	246	7
Benin	2018	..	25	..	..	-2	27	2
	2019	..	39	..	..	5	34	3
	2020	..	48	..	..	5	43	3
	2021	..	33	..	..	-12	45	3
Botswana	2018	..	12	..	..	..	12	5
	2019	..	12	..	..	..	12	5
	2020	..	11	..	..	..	11	4
	2021	..	12	..	..	..	12	5
Burkina Faso	2018	..	277	..	..	..	277	14
	2019	..	262	..	..	..	262	13
	2020	..	*254	..	..	..	*254	*12
	2021	..	*305	..	..	..	*305	*14
Burundi	2018	..	*31	..	..	..	*31	*3
	2019	..	*32	..	..	..	*32	*3
	2020	..	*23	..	..	..	*23	*2
	2021	..	*31	..	..	..	*31	*2
Cabo Verde	2018	..	*112	..	*41	..	*71	*124
	2019	..	*115	..	*40	..	*75	*129
	2020	..	*102	..	*34	..	*68	*116
	2021	..	*103	..	*35	..	*68	*116
Cameroon	2018	201	..	71	..	..	130	5
	2019	104	47	37	..	..	115	4
	2020	..	98	..	..	..	98	4
	2021	..	83	..	..	..	83	3
Central African Rep.	2018	..	*2	..	..	..	*2	0
	2019	..	*2	..	..	..	*2	0
	2020	..	*3	..	..	..	*3	*1
	2021	..	*3	..	..	..	*3	*1
Chad	2018	*24	..	*20	..	..	*4	0
	2019	*26	..	*20	..	..	*6	0
	2020	*20	..	*19	..	..	*1	0
	2021	*26	..	*20	..	..	*6	0
Comoros	2018	..	*4	..	*4	*-3	*3	*4
	2019	..	*5	..	*5	*-3	*3	*3
	2020	..	*7	..	*4	*-1	*3	*4
	2021	..	*18	..	*4	*6	*8	*10

Production, trade and supply of fuel oil

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Bunkers	Changes in stocks	Supply	
							Total	Per capita
Congo	2018	362	16	348	..	..	30	6
	2019	368	16	352	..	..	32	6
	2020	367	16	255	..	..	129	23
	2021	380	16	258	..	..	139	24
Côte d'Ivoire	2018	652	..	623	7	..	22	1
	2019	704	..	691	7	..	5	0
	2020	632	..	619	7	..	6	0
	2021	701	..	599	8	..	94	3
Dem. Rep. of the Congo	2018	..	13	..	..	..	13	0
	2019	..	1	..	..	..	1	0
	2020	..	1	..	..	..	1	0
	2021	..	1	..	..	..	1	0
Djibouti	2018	..	9	..	*6	..	3	2
	2019	..	29	..	*9	..	20	19
	2020	..	24	..	*7	..	17	16
	2021	..	*25	..	*7	..	*18	*16
Egypt	2018	7,444	498	234	27	..	7,681	74
	2019	9,009	..	356	13	..	8,640	82
	2020	7,869	..	4,969	153	..	2,747	26
	2021	8,053	..	2,713	255	..	5,085	47
Eritrea	2018	..	82	..	21	..	60	17
	2019	..	85	..	22	..	62	18
	2020	..	84	..	17	..	67	19
	2021	..	87	..	13	..	74	20
Ethiopia	2018	..	58	..	..	2	56	1
	2019	..	60	..	..	2	58	1
	2020	..	61	..	..	2	60	1
	2021	..	57	..	..	..	57	0
Gabon	2018	313	..	157	72	16	68	31
	2019	313	..	157	87	1	68	30
	2020	438	..	426	82	-140	71	31
	2021	492	..	505	75	-157	69	30
Gambia	2018	..	*75	..	..	..	*75	*31
	2019	..	*82	..	..	..	*82	*32
	2020	..	*82	..	..	..	*82	*32
	2021	..	*84	..	..	..	*84	*32
Ghana	2018	32	0	42	..	..	-10	0
	2019	205	0	66	..	13	126	4
	2020	216	0	173	..	3	40	1
	2021	145	85	75	..	-4	160	5
Guinea	2018	..	374	..	..	170	204	16
	2019	..	377	..	..	167	210	16
	2020	..	209	..	..	-47	256	19
	2021	..	*157	..	..	*43	*114	*8
Guinea-Bissau	2018	..	*34	..	..	..	*34	*18
	2019	..	*35	..	..	..	*35	*18
	2020	..	*34	..	..	..	*34	*17
	2021	..	*34	..	..	..	*34	*16
Kenya	2018	..	512	..	46	..	466	9
	2019	..	432	1	*10	..	420	8
	2020	..	309	0	*3	..	306	6
	2021	..	340	..	48	..	293	6

Table 23

Production, trade and supply of fuel oil

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Bunkers	Changes in stocks	Supply	
							Total	Per capita
Libya	2018	1,850	..	218	281	..	1,351	209
	2019	1,263	141	..	291	..	1,113	169
	2020	891	117	..	97	..	911	137
	2021	1,143	131	..	304	..	970	144
Madagascar	2018	..	131	..	..	-21	152	6
	2019	..	219	..	..	15	204	7
	2020	..	185	..	..	*-8	193	7
	2021	..	205	..	..	*-24	228	8
Malawi	2018	..	*2	..	..	..	*2	0
	2019	..	*2	..	..	..	*2	0
	2020	..	*2	..	..	..	*2	0
	2021	..	*2	..	..	..	*2	0
Mali	2018	..	271	..	..	..	271	14
	2019	..	290	..	..	..	290	14
	2020	..	235	..	..	..	235	11
	2021	..	*238	..	..	..	*238	*11
Mauritania	2018	..	402	..	..	*88	313	73
	2019	..	391	..	..	*88	303	69
	2020	..	460	..	..	*84	376	84
	2021	..	*400	..	..	*81	*319	*69
Mauritius	2018	..	663	..	436	-63	290	224
	2019	..	850	..	520	13	317	244
	2020	..	713	..	519	-52	246	190
	2021	..	749	..	508	-17	258	199
Morocco	2018	..	1,217	..	114	70	1,033	28
	2019	..	836	..	114	-48	770	21
	2020	..	903	..	114	80	708	19
	2021	..	723	..	114	-362	971	26
Mozambique	2018	..	65	..	..	..	65	2
	2019	..	30	..	..	..	30	1
	2020	..	30	..	..	..	30	1
	2021	..	30	..	..	..	30	1
Namibia	2018	..	*57	..	*20	..	*36	*15
	2019	..	*56	..	*19	..	*37	*15
	2020	..	*52	..	*15	..	*37	*15
	2021	..	*53	..	*16	..	*37	*15
Niger	2018	..	1	..	..	..	1	0
	2019	..	0	..	..	..	0	0
	2020	..	17	..	..	7	10	0
	2021	..	*17	..	..	..	*17	*1
Nigeria	2018	552	9	88	228	-380	625	3
	2019	224	32	..	237	-482	501	2
	2020	0	65	..	177	-570	458	2
	2021	47	32	..	147	-543	475	2
Rwanda	2018	..	*21	..	..	..	*21	*2
	2019	..	39	..	..	..	39	3
	2020	..	24	..	..	..	24	2
	2021	..	31	..	..	..	31	2
Senegal	2018	220	615	835	54
	2019	191	746	1	936	59
	2020	179	758	-9	946	58
	2021	187	791	15	964	57

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Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Bunkers	Changes in stocks	Supply	
							Total	Per capita
Seychelles	2018	..	86	..	*1	..	85	821
	2019	..	72	..	*1	..	71	683
	2020	..	*70	..	*1	*-18	*87	*824
	2021	..	*88	..	*1	*11	*76	*714
Sierra Leone	2018	..	48	..	..	..	48	6
	2019	..	86	..	..	*57	29	4
	2020	..	100	..	..	*88	12	1
	2021	..	107	..	..	*73	34	4
Somalia	2018	..	*39	..	*12	..	*27	*2
	2019	..	*39	..	*12	..	*27	*2
	2020	..	*39	..	*12	..	*27	*2
	2021	..	*39	..	*12	..	*27	*2
South Africa	2018	2,753	97	955	1,352	..	543	9
	2019	2,238	136	710	1,099	..	566	10
	2020	1,570	207	24	1,291	..	462	8
	2021	751	544	13	816	..	467	8
Sudan	2018	228	188	..	..	..	416	10
	2019	*116	*128	..	..	..	*244	*6
	2020	*85	142	..	..	..	227	5
	2021	*66	*187	..	..	..	*254	*6
Togo	2018	..	55	..	..	-2	57	7
	2019	..	43	..	..	-1	44	5
	2020	..	133	..	..	-2	135	16
	2021	..	57	..	..	..	57	7
Tunisia	2018	338	276	296	..	-8	326	27
	2019	52	223	35	..	-11	250	21
	2020	394	159	350	..	8	195	16
	2021	537	188	500	..	0	224	18
Uganda	2018	..	75	..	..	..	75	2
	2019	..	24	..	..	..	24	1
	2020	..	16	..	..	..	16	0
	2021	..	14	..	..	..	14	0
United Rep. of Tanzania	2018	..	92	..	21	..	71	1
	2019	..	55	..	22	..	33	1
	2020	..	48	..	22	..	26	0
	2021	..	52	..	24	..	28	0
Zambia	2018	119	..	..	..	..	119	7
	2019	172	..	..	..	..	172	9
	2020	80	12	..	..	..	92	5
	2021	17	14	..	..	..	31	2
Asia	2018	195,363	142,761	112,770	99,770	-2,484	128,068	28
	2019	187,029	135,394	89,412	99,905	439	132,666	29
	2020	182,521	128,044	75,692	101,605	2,914	130,355	28
	2021	199,760	138,038	87,680	105,512	101	144,504	31
Afghanistan	2018	*20	*1	..	..	..	*21	*1
	2019	*12	*1	..	..	..	*13	0
	2020	*5	*5	..	..	..	*10	0
	2021	*5	*5	..	..	..	*10	0
Azerbaijan	2018	107	..	19	..	46	42	4
	2019	127	..	0	..	49	77	8
	2020	62	..	0	..	3	59	6
	2021	106	..	2	..	-67	171	17

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Country or area	Year	Production	Imports	Exports	Bunkers	Changes in stocks	Supply	
							Total	Per capita
Bahrain	2018	2,599	..	2,564	..	35	0	0
	2019	2,662	..	2,690	..	-28	0	0
	2020	1,948	..	1,958	..	-10	0	0
	2021	2,250	..	2,225	..	25	0	0
Bangladesh	2018	304	3,139	..	132	..	3,311	20
	2019	344	3,278	..	142	..	3,480	21
	2020	275	2,744	..	147	..	2,872	17
	2021	416	5,038	..	157	..	5,297	31
Bhutan	2018	..	3	..	..	..	3	4
	2019	..	4	..	..	..	4	5
	2020	..	2	..	..	..	2	2
	2021	..	1	..	..	..	1	1
Brunei Darussalam	2018	..	..	..	..	..	..	..
	2019	..	..	..	..	..	..	..
	2020	5	..	..	5	..	0	0
	2021	..	..	..	..	..	..	..
Cambodia	2018	..	84	..	..	..	84	5
	2019	..	180	..	..	..	180	11
	2020	..	170	..	..	..	170	10
	2021	..	195	..	..	..	195	12
China	2018	38,997	16,656	12,300	10,489	-874	33,739	24
	2019	45,061	14,855	11,177	9,738	1,350	37,651	26
	2020	57,807	12,535	15,833	10,564	651	43,294	30
	2021	60,407	13,811	19,613	11,726	-557	43,435	30
China, Hong Kong SAR	2018	..	7,303	90	7,502	-348	59	8
	2019	..	6,749	186	6,439	123	1	0
	2020	..	5,973	98	5,359	516	0	0
	2021	..	5,694	3	5,348	343	0	0
China, Macao SAR	2018	..	37	..	..	-7	44	68
	2019	..	21	..	..	-13	34	51
	2020	..	41	..	..	8	33	49
	2021	..	0	..	..	-8	8	12
Cyprus	2018	..	1,016	..	154	19	842	691
	2019	..	968	..	156	4	807	657
	2020	..	772	..	158	-14	628	507
	2021	..	850	..	141	6	703	565
Georgia	2018	9	89	95	..	-1	3	1
	2019	16	0	15	..	0	0	0
	2020	12	0	10	..	2	1	0
	2021	18	0	18	..	0	1	0
India	2018	10,032	1,419	2,197	*1,685	..	7,569	6
	2019	8,609	4,583	1,527	*1,725	..	9,940	7
	2020	*6,882	*6,454	*1,177	*1,478	*413	*10,268	*7
	2021	8,237	9,024	1,716	*1,638	*7	13,900	10
Indonesia	2018	1,258	493	176	0	2	1,573	6
	2019	1,168	198	0	2	0	1,363	5
	2020	*1,273	204	..	*150	..	*1,327	*5
	2021	*3,928	165	737	163	..	*3,194	*12
Iran (Islamic Rep. of)	2018	22,136	..	15,955	1,179	..	5,003	58
	2019	22,048	..	16,688	1,179	..	4,181	48
	2020	21,364	..	16,688	1,179	..	3,498	40
	2021	21,984	..	16,688	1,179	..	4,117	47

Production, trade and supply of fuel oil

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Bunkers	Changes in stocks	Supply	
							Total	Per capita
Iraq	2018	16,182	..	1,098	291	..	14,794	364
	2019	16,880	..	3,883	299	..	12,699	306
	2020	14,169	..	6,600	259	..	7,311	172
	2021	13,458	..	7,828	259	..	5,372	123
Israel	2018	2,576	..	2,067	259	-4	254	30
	2019	2,425	..	2,011	281	-54	187	22
	2020	1,531	..	1,160	341	-12	43	5
	2021	1,637	..	1,199	347	11	81	9
Japan	2018	14,735	1,730	2,715	4,237	106	9,407	75
	2019	14,321	479	2,978	4,275	-240	7,786	62
	2020	12,589	546	1,354	4,730	15	7,035	56
	2021	14,219	1,135	2,013	4,713	-109	8,737	70
Jordan	2018	458	0	..	0	-2	460	44
	2019	369	..	..	32	..	337	32
	2020	342	..	..	39	..	304	28
	2021	356	..	..	46	..	310	28
Kazakhstan	2018	2,948	66	3,002	..	16	-3	0
	2019	2,875	1	2,622	..	7	247	13
	2020	2,255	2	1,593	..	-9	673	35
	2021	2,842	..	2,086	..	-5	761	40
Korea, Dem.Ppl's.Rep.	2018	109	343	..	..	..	452	18
	2019	109	415	..	..	..	524	20
	2020	109	382	..	..	..	491	19
	2021	109	227	..	..	..	336	13
Korea, Republic of	2018	10,200	6,589	4,036	8,275	49	4,429	86
	2019	8,526	4,753	2,649	6,715	-298	4,214	81
	2020	11,204	4,447	1,987	8,300	-2	5,366	104
	2021	11,300	5,503	1,275	8,578	77	6,875	133
Kuwait	2018	8,642	217	3,699	957	-1,461	5,664	1,312
	2019	8,357	193	3,261	924	-591	4,956	1,116
	2020	5,122	278	1,761	867	..	2,772	636
	2021	6,367	1,759	1,237	883	..	6,007	1,413
Kyrgyzstan	2018	156	14	34	..	-36	172	28
	2019	115	58	44	..	3	126	20
	2020	84	76	31	..	67	62	10
	2021	151	0	128	..	-20	43	7
Lao People's Dem. Rep.	2018	..	16	..	..	..	16	2
	2019	..	*11	..	..	..	*11	*2
	2020	..	*11	..	..	..	*11	*2
	2021	..	*11	..	..	..	*11	*1
Lebanon	2018	..	2,048	..	30	..	2,018	339
	2019	..	1,852	..	*30	..	1,822	315
	2020	..	*1,769	..	*30	*75	*1,664	*294
	2021	..	*1,402	..	*30	..	*1,372	*245
Malaysia	2018	2,452	103	1,375	321	526	333	10
	2019	1,400	80	407	272	215	587	18
	2020	1,214	218	446	419	185	383	12
	2021	1,510	26	593	554	-19	409	12
Mongolia	2018	..	3	3	1
	2019	..	3	3	1
	2020	..	3	3	1
	2021	..	2	2	1

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Country or area	Year	Production	Imports	Exports	Bunkers	Changes in stocks	Supply	
							Total	Per capita
Myanmar	2018	37	..	..	..	-7	44	1
	2019	23	..	..	..	..	23	0
	2020	35	..	..	..	..	35	1
	2021	34	..	..	..	..	34	1
Nepal	2018	..	28	..	..	..	28	1
	2019	..	8	..	..	..	8	0
	2020	..	77	..	..	..	77	3
	2021	..	80	..	..	..	80	3
Oman	2018	277	..	276	*43	..	-42	-9
	2019	336	..	228	*97	..	11	2
	2020	204	..	..	*204	..	0	0
	2021	60	..	..	*60	..	0	0
Other Asia	2018	4,637	2,373	2,073	1,156	-208	3,989	168
	2019	4,100	1,370	1,956	1,199	-256	2,571	108
	2020	4,941	611	1,755	1,163	52	2,583	108
	2021	4,743	903	2,063	1,461	40	2,082	87
Pakistan	2018	2,909	739	0	35	0	3,613	16
	2019	2,251	38	0	30	..	2,259	10
	2020	2,580	722	0	11	..	3,291	14
	2021	2,408	2,330	0	2	..	4,737	20
Philippines	2018	737	792	259	67	-2	1,205	11
	2019	702	765	287	42	-25	1,162	11
	2020	356	979	253	85	-66	1,063	9
	2021	30	1,072	..	37	51	1,014	9
Qatar	2018	146	..	144	..	..	2	1
	2019	141	..	141	..	..	0	0
	2020	114	..	114	..	..	0	0
	2021	1,128	..	1,128	..	..	0	0
Saudi Arabia	2018	24,312	16,772	18,556	*3,518	*159	18,851	538
	2019	22,605	*11,102	*4,456	*3,358	*-77	25,970	725
	2020	18,501	*11,576	*3,540	*2,741	*307	23,489	653
	2021	22,536	*9,725	*4,712	*2,972	*378	24,199	673
Singapore	2018	5,180	68,310	26,307	47,513	-749	420	72
	2019	4,853	64,699	23,171	43,581	41	2,759	470
	2020	4,043	58,938	15,402	45,138	222	2,219	375
	2021	4,110	60,539	16,907	45,907	-443	2,279	384
Sri Lanka	2018	424	306	26	603	-42	143	7
	2019	483	244	..	551	-52	228	11
	2020	469	353	..	349	-20	493	23
	2021	359	359	31	471	-133	349	16
State of Palestine	2018	..	7	..	..	..	7	1
	2019	..	4	..	..	..	4	1
	2020	..	4	..	..	..	4	1
	2021	..	3	..	..	..	3	1
Syrian Arab Republic	2018	2,796	..	..	1	..	2,795	145
	2019	2,511	..	..	1	..	2,510	125
	2020	2,618	..	..	1	..	2,617	126
	2021	2,531	0	..	2,531	119
Tajikistan	2018	26	24	50	5
	2019	15	23	38	4
	2020	8	9	17	2
	2021	10	0	10	1

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Country or area	Year	Production	Imports	Exports	Bunkers	Changes in stocks	Supply	
							Total	Per capita
Thailand	2018	5,580	8	3,242	1,391	256	698	10
	2019	5,152	23	3,021	1,170	287	697	10
	2020	4,663	23	2,588	1,036	350	712	10
	2021	5,260	64	2,960	1,182	315	866	12
Türkiye	2018	2,189	2,404	1,112	845	49	2,587	31
	2019	3,114	2,047	2,126	768	-3	2,270	27
	2020	459	2,024	217	262	124	1,881	22
	2021	1,602	1,615	1,272	282	217	1,446	17
Turkmenistan	2018	1,690	..	759	..	..	931	154
	2019	1,690	..	759	..	..	931	151
	2020	1,690	..	759	..	..	931	149
	2021	1,690	..	759	..	..	931	147
United Arab Emirates	2018	9,854	*8,601	8,201	8,751	..	1,502	164
	2019	2,958	15,182	2,799	16,665	..	-1,324	-144
	2020	2,780	15,072	..	16,401	..	1,451	156
	2021	3,258	15,470	..	17,205	..	1,522	163
Uzbekistan	2018	143	74	..	..	-6	222	7
	2019	211	124	..	..	-3	338	10
	2020	170	94	..	..	-3	267	8
	2021	308	*55	..	..	-8	371	11
Viet Nam	2018	200	699	394	286	..	219	2
	2019	178	833	332	183	..	496	5
	2020	440	676	369	146	60	541	6
	2021	218	732	488	128	..	334	3
Yemen	2018	308	257	..	51	..	515	17
	2019	286	251	..	51	..	485	15
	2020	199	254	..	47	..	406	13
	2021	175	241	..	47	..	369	11
Europe	2018	133,235	49,730	106,409	42,157	-540	34,940	47
	2019	129,442	45,506	102,797	41,257	190	30,704	41
	2020	108,454	48,320	101,597	34,906	1,210	19,061	25
	2021	111,255	55,763	111,408	35,283	-1,993	22,320	30
Albania	2018	..	1	..	..	..	1	1
	2019	..	3	..	..	..	3	1
	2020	..	3	..	..	..	3	1
	2021	..	5	..	..	..	5	2
Austria	2018	710	65	467	..	-17	325	37
	2019	735	44	455	..	-56	380	43
	2020	737	67	471	..	-24	356	40
	2021	645	32	370	..	-33	340	38
Belarus	2018	5,409	..	5,019	..	-9	399	41
	2019	4,382	..	4,062	..	-1	321	33
	2020	3,515	..	2,719	..	37	759	79
	2021	3,515	..	2,719	..	..	796	83
Belgium	2018	7,507	6,127	5,794	8,327	53	-540	-47
	2019	4,585	5,733	4,296	7,336	76	-1,389	-121
	2020	2,582	4,302	3,349	5,173	-54	-1,584	-137
	2021	2,472	5,733	3,093	6,250	-171	-967	-83
Bosnia and Herzegovina	2018	57	52	3	..	..	106	31
	2019	25	31	15	..	-4	45	13
	2020	..	41	4	..	0	38	11
	2021	..	32	2	..	-4	34	10

Table 23

Production, trade and supply of fuel oil

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Bunkers	Changes in stocks	Supply	
							Total	Per capita
Bulgaria	2018	948	27	847	25	25	77	11
	2019	581	35	544	17	13	43	6
	2020	259	60	278	16	2	22	3
	2021	209	109	242	26	9	41	6
Croatia	2018	669	57	595	5	6	121	29
	2019	397	41	350	5	-5	88	21
	2020	267	6	239	4	-6	37	9
	2021	291	3	247	4	4	38	9
Czechia	2018	137	2	137	..	-32	34	3
	2019	139	..	119	..	-8	28	3
	2020	93	14	51	..	7	49	5
	2021	82	17	29	..	6	64	6
Denmark	2018	1,870	1,796	2,843	221	-170	773	134
	2019	1,592	2,432	2,946	377	391	310	53
	2020	1,469	3,253	4,004	216	340	163	28
	2021	1,505	1,861	3,898	111	-644	2	0
Estonia	2018	..	474	321	140	4	9	7
	2019	..	437	337	106	-20	15	11
	2020	..	526	295	167	63	1	1
	2021	..	561	424	175	-38	0	0
Faeroe Islands	2018	..	*89	..	21	..	*68	*1,330
	2019	..	*98	..	26	..	*72	*1,395
	2020	..	*103	..	29	..	*75	*1,422
	2021	..	*102	..	31	..	*71	*1,351
Finland	2018	1,543	449	1,165	276	64	487	88
	2019	1,412	601	1,175	272	-122	688	125
	2020	1,549	457	1,181	242	-23	606	110
	2021	1,179	643	962	183	45	632	114
France	2018	5,853	3,422	4,895	1,842	21	2,517	38
	2019	6,176	2,883	3,852	1,617	87	3,502	52
	2020	4,066	2,026	2,626	836	-22	2,652	40
	2021	4,124	1,524	2,716	894	-207	2,245	34
Germany	2018	7,296	2,144	2,658	981	17	5,784	70
	2019	7,034	1,628	2,736	668	-122	5,380	65
	2020	6,220	1,368	2,792	809	-69	4,056	49
	2021	7,421	1,290	3,613	705	285	4,108	49
Gibraltar	2018	..	3,762	..	3,711	..	51	1,576
	2019	..	3,835	..	3,800	..	35	1,069
	2020	..	3,862	..	3,862	..	0	0
	2021	..	3,766	..	3,766	..	0	0
Greece	2018	6,551	1,725	3,852	1,936	-150	2,638	248
	2019	5,172	2,331	2,737	2,220	123	2,423	229
	2020	3,467	1,578	1,392	1,331	61	2,261	215
	2021	4,977	1,808	3,199	1,480	-223	2,328	223
Hungary	2018	43	24	14	..	16	37	4
	2019	21	11	3	..	-2	31	3
	2020	23	9	13	..	-3	22	2
	2021	61	0	29	..	7	25	3
Iceland	2018	..	119	..	34	3	83	234
	2019	..	57	..	19	-12	50	139
	2020	..	0	..	..	-1	1	2
	2021	..	4	..	3	5	-4	-12

Production, trade and supply of fuel oil

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Bunkers	Changes in stocks	Supply	
							Total	Per capita
Ireland	2018	976	84	1,002	16	-24	66	14
	2019	725	114	724	10	1	103	21
	2020	824	172	817	11	38	130	26
	2021	971	371	962	7	15	359	72
Italy	2018	6,858	1,692	4,449	2,302	39	1,761	29
	2019	6,709	1,008	3,718	2,201	57	1,741	29
	2020	5,628	1,239	3,327	1,925	38	1,577	26
	2021	7,431	1,219	5,087	1,866	-619	2,316	39
Kosovo	2018	..	21	..	..	..	21	12
	2019	..	20	..	..	..	20	12
	2020	..	22	..	..	..	22	13
	2021	..	21	..	..	..	21	13
Latvia	2018	..	4	..	2	-1	3	2
	2019	..	44	..	43	-1	2	1
	2020	..	4	..	3	-1	2	1
	2021	..	13	..	11	0	2	1
Lithuania	2018	1,681	129	1,640	122	-10	59	20
	2019	1,539	123	1,549	120	-26	19	7
	2020	1,105	111	1,028	111	20	57	20
	2021	1,145	88	1,076	86	26	46	16
Luxembourg	2018	..	3	0	..	..	3	4
	2019	..	2	0	..	..	2	3
	2020	..	1	0	..	..	1	2
	2021	..	0	0	..	..	0	0
Malta	2018	..	2,109	161	1,923	20	5	11
	2019	..	2,115	246	1,962	-100	6	12
	2020	..	1,974	89	1,864	14	7	14
	2021	..	1,657	65	1,623	-39	8	16
Montenegro	2018	..	4	..	..	2	2	3
	2019	..	3	0	..	1	2	3
	2020	..	1	..	..	-2	2	3
	2021	..	3	..	..	..	3	5
Netherlands (Kingd. of the)	2018	11,077	13,047	11,314	9,213	-9	3,607	209
	2019	8,909	11,709	9,682	9,395	86	1,455	84
	2020	9,024	19,865	18,532	9,740	848	-231	-13
	2021	7,742	27,799	24,299	9,237	11	1,994	114
North Macedonia	2018	..	81	5	..	2	74	35
	2019	..	81	5	..	2	74	35
	2020	..	81	2	..	-4	83	39
	2021	..	93	3	..	4	86	41
Norway	2018	1,474	1,440	1,419	30	25	1,440	271
	2019	1,806	1,012	1,661	36	-31	1,153	216
	2020	1,494	847	1,601	22	22	695	129
	2021	669	890	810	21	-40	768	142
Poland	2018	3,630	48	2,774	78	-2	828	21
	2019	3,115	16	2,283	81	-27	794	21
	2020	2,011	31	1,114	86	19	822	21
	2021	1,919	30	986	64	-15	914	24
Portugal	2018	2,626	176	1,307	699	229	567	55
	2019	2,114	189	1,113	831	-191	549	53
	2020	2,416	258	1,600	568	-6	512	50
	2021	2,474	157	1,604	538	86	403	39

Table 23

Production, trade and supply of fuel oil

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Bunkers	Changes in stocks	Supply	
							Total	Per capita
Republic of Moldova	2018	6	7	3	..	..	10	3
	2019	4	6	..	..	5	5	2
	2020	2	5	2	..	4	1	0
	2021	2	2	2	..	-16	18	6
Romania	2018	196	..	124	..	15	58	3
	2019	193	5	139	..	0	59	3
	2020	153	..	85	..	-2	71	4
	2021	182	..	146	..	-34	70	4
Russian Federation	2018	50,147	0	*42,068	2,035	-181	6,224	43
	2019	58,417	109	49,104	1,973	-230	7,679	53
	2020	50,823	119	44,592	1,394	..	4,957	34
	2021	51,575	61	46,348	1,204	..	4,083	28
Serbia	2018	361	7	28	..	2	337	45
	2019	257	9	7	..	-1	260	35
	2020	203	26	31	..	-19	218	30
	2021	100	127	3	..	-6	229	31
Slovakia	2018	482	77	319	..	14	226	41
	2019	535	44	344	..	13	222	41
	2020	618	26	418	..	10	216	40
	2021	540	61	396	..	-17	222	41
Slovenia	2018	..	442	232	210	..	0	0
	2019	..	302	137	165	..	0	0
	2020	..	426	315	110	..	0	0
	2021	..	274	197	76	..	0	0
Spain	2018	6,000	7,371	3,761	5,926	-199	3,883	83
	2019	5,056	6,843	2,701	5,713	25	3,460	73
	2020	2,443	3,974	2,505	3,965	11	-64	-1
	2021	2,645	4,129	2,194	4,577	-239	242	5
Sweden	2018	5,150	1,799	4,362	1,267	-263	1,583	156
	2019	4,413	842	3,186	1,573	285	211	21
	2020	3,860	772	2,965	1,877	-74	-137	-13
	2021	3,936	612	2,732	1,747	-141	210	20
Switzerland	2018	316	0	304	..	11	1	0
	2019	311	1	327	..	-14	0	0
	2020	364	0	362	..	1	1	0
	2021	294	0	275	..	8	11	1
Ukraine	2018	429	42	..	..	3	468	11
	2019	74	1	13	..	-31	93	2
	2020	75	..	..	..	18	57	1
	2021	82	5	68	..	-21	40	1
United Kingdom	2018	3,233	812	2,527	818	-42	743	11
	2019	3,016	707	2,232	691	28	772	12
	2020	3,167	690	2,800	546	-36	547	8
	2021	3,068	660	2,612	597	5	514	8
Latin America & Carib.	2018	48,611	11,508	28,934	7,540	-507	24,152	38
	2019	39,835	12,745	20,300	7,156	-70	25,194	39
	2020	40,581	9,053	24,596	6,154	524	18,361	28
	2021	44,684	8,400	25,851	6,407	-239	21,065	32
Antigua and Barbuda	2018	..	*178	..	*71	..	*107	*1,168
	2019	..	*187	..	*74	..	*113	*1,227
	2020	..	*181	..	*71	..	*110	*1,187
	2021	..	*185	..	*74	..	*111	*1,191

Table 23

Production, trade and supply of fuel oil

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Bunkers	Changes in stocks	Supply	
							Total	Per capita
Argentina	2018	1,878	*236	584	591	-13	952	21
	2019	2,138	*200	863	377	-48	1,146	26
	2020	2,683	0	513	224	17	1,929	43
	2021	2,059	355	67	29	-40	2,358	52
Aruba	2018	..	195	..	*12	..	183	1,727
	2019	..	*188	..	*12	..	*176	*1,657
	2020	..	*192	..	*12	..	*180	*1,691
	2021	..	*197	..	*12	..	*185	*1,740
Bahamas	2018	..	195	..	*152	..	43	107
	2019	..	*182	..	*160	..	*22	*55
	2020	..	*186	..	*151	..	*35	*86
	2021	..	*274	..	*222	..	*52	*128
Barbados	2018	..	195	..	..	2	193	691
	2019	..	147	..	..	-6	153	548
	2020	..	143	..	..	5	138	491
	2021	..	139	..	..	-3	142	505
Belize	2018	..	9	..	..	..	9	23
	2019	..	22	..	..	..	22	56
	2020	..	3	..	..	..	3	7
	2021	..	10	..	..	..	10	24
Bonaire, St Eustatius, Saba	2018	..	*61	..	*39	*-1	*23	*928
	2019	..	*64	..	*39	*-1	*26	*1,016
	2020	..	*56	..	*28	..	*28	*1,061
	2021	..	*56	..	*30	..	*26	*974
Brazil	2018	10,761	303	5,136	2,556	-213	3,585	17
	2019	11,626	53	5,801	2,972	34	2,872	14
	2020	16,643	37	10,490	3,295	65	2,830	13
	2021	16,352	591	9,593	2,551	438	4,362	20
Chile	2018	1,149	27	391	136	2	648	35
	2019	993	14	179	102	55	671	35
	2020	997	13	236	32	3	740	38
	2021	1,087	38	344	74	-3	710	36
Colombia	2018	3,260	1	1,667	..	..	1,595	32
	2019	3,036	0	1,661	19	..	1,356	27
	2020	1,656	0	1,258	5	..	393	8
	2021	2,716	..	1,422	6	..	1,289	25
Costa Rica	2018	..	130	..	..	-16	146	29
	2019	..	133	..	..	25	107	21
	2020	..	91	..	..	-11	102	20
	2021	..	104	..	..	-7	112	22
Cuba	2018	1,313	912	..	*404	..	1,821	161
	2019	766	1,343	..	*380	..	1,729	153
	2020	903	1,935	..	*330	..	2,508	222
	2021	664	1,125	..	*370	..	1,418	126
Curaçao	2018	1,037	2,055	1,009	1,796	..	287	1,551
	2019	0	1,946	0	1,735	..	211	1,091
	2020	..	1,574	..	1,415	..	159	839
	2021	..	1,646	..	1,475	..	170	895
Dominica	2018	..	*14	..	*1	..	*13	*187
	2019	..	*15	..	*1	..	*14	*191
	2020	..	*14	..	*1	..	*13	*181
	2021	..	*14	..	*1	..	*13	*180

Table 23

Production, trade and supply of fuel oil

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Bunkers	Changes in stocks	Supply	
							Total	Per capita
Dominican Republic	2018	372	1,424	..	..	-1	1,797	167
	2019	329	1,565	..	..	-1	1,896	174
	2020	136	979	..	..	-1	1,116	101
	2021	366	835	..	..	-2	1,202	108
Ecuador	2018	3,572	624	2,389	669	-3	1,141	67
	2019	2,866	662	2,223	523	-2	783	45
	2020	2,607	462	2,209	132	-3	732	42
	2021	3,380	359	2,307	886	1	547	31
El Salvador	2018	..	273	..	..	..	273	44
	2019	..	362	0	..	..	362	58
	2020	..	257	0	..	..	257	41
	2021	..	236	1	..	..	236	37
Guatemala	2018	..	242	9	..	-21	254	15
	2019	..	264	17	..	2	245	14
	2020	..	219	2	..	-2	219	13
	2021	..	227	0	..	-7	234	13
Guyana	2018	..	216	..	..	1	215	274
	2019	..	215	..	..	-4	219	274
	2020	..	223	..	..	*5	218	273
	2021	..	231	..	..	*12	219	273
Haiti	2018	..	116	..	..	..	116	11
	2019	..	126	..	..	..	126	11
	2020	..	121	..	..	..	121	11
	2021	..	119	..	..	..	119	10
Honduras	2018	..	521	1	..	29	491	50
	2019	..	750	1	..	..	748	75
	2020	..	708	0	..	-14	721	71
	2021	..	646	8	..	-3	640	62
Jamaica	2018	729	966	250	..	-15	1,460	519
	2019	887	891	313	..	0	1,465	521
	2020	785	489	630	..	0	644	228
	2021	680	354	502	..	49	483	171
Mexico	2018	10,550	1,924	5,561	84	-81	6,910	56
	2019	8,472	2,358	4,005	74	-67	6,818	55
	2020	10,019	485	6,224	19	408	3,853	31
	2021	13,874	..	8,957	53	-206	5,070	40
Nicaragua	2018	240	*242	10	..	22	450	68
	2019	96	443	30	..	57	453	68
	2020	77	276	71	..	-27	309	46
	2021	95	278	91	..	-38	321	47
Panama	2018	..	153	..	..	84	69	16
	2019	..	198	..	..	74	124	29
	2020	..	57	..	..	48	9	2
	2021	..	30	..	..	7	23	5
Paraguay	2018	..	4	..	..	0	4	1
	2019	..	5	..	..	0	5	1
	2020	..	2	..	..	0	2	0
	2021	..	0	..	..	-1	1	0
Peru	2018	2,780	0	2,063	463	-277	532	17
	2019	2,316	30	1,511	391	-175	618	19
	2020	570	29	293	225	-66	147	4
	2021	574	30	384	401	-482	301	9

Table 23

Production, trade and supply of fuel oil

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Bunkers	Changes in stocks	Supply	
							Total	Per capita
Sint Maarten (Dutch part)	2018	..	*234	..	*123	..	*112	*2,639
	2019	..	*235	..	*124	..	*111	*2,592
	2020	..	*224	..	*120	..	*104	*2,384
	2021	..	*235	..	*125	..	*110	*2,507
St. Lucia	2018	..	*1	..	*1	..	0	0
	2019	..	*1	..	*1	..	0	0
	2020	..	*1	..	*1	..	0	0
	2021	..	*1	..	*1	..	0	0
Suriname	2018	300	1	*264	32	..	5	8
	2019	255	2	*212	*32	..	13	21
	2020	262	1	*189	*30	..	44	73
	2021	278	0	*214	*32	..	32	52
Trinidad and Tobago	2018	1,810	..	1,560	254	-4	0	0
	2019	..	105	21	3	..	80	53
	2020	..	95	9	1	94	-10	-6
	2021	..	85	21	3	60	0	0
Uruguay	2018	242	56	..	64	0	235	69
	2019	225	40	..	68	-13	210	61
	2020	214	0	..	15	2	198	58
	2021	237	0	..	14	-14	237	69
Venezuela (Bolivar. Rep.)	2018	8,618	..	8,040	94	..	484	16
	2019	5,831	..	3,464	68	..	2,300	79
	2020	3,028	..	2,473	47	..	507	18
	2021	2,322	..	1,942	48	..	333	12
Northern America	2018	28,808	13,863	23,735	13,971	-2,160	7,126	19
	2019	24,709	10,691	14,770	13,188	263	7,179	19
	2020	15,039	12,501	8,934	10,706	7	7,893	21
	2021	16,250	11,508	6,836	12,329	-874	9,467	25
Bermuda	2018	..	135	..	*11	..	124	1,944
	2019	..	115	..	*9	..	106	1,667
	2020	..	96	..	*7	..	89	1,393
	2021	..	126	..	*9	..	117	1,828
Canada	2018	5,196	598	3,701	378	-29	1,744	47
	2019	4,994	803	1,878	168	-20	3,771	100
	2020	3,642	539	829	168	1	3,183	84
	2021	3,784	387	1,344	168	-40	2,699	71
Greenland	2018	..	11	..	2	*-3	12	218
	2019	..	19	..	2	*-4	21	372
	2020	..	0	..	0	*-12	*11	*203
	2021	..	0	..	0	0	0	*1
United States	2018	23,612	13,120	20,034	13,580	-2,128	5,246	16
	2019	19,715	9,754	12,892	13,009	286	3,281	10
	2020	11,398	11,866	8,105	10,531	18	4,610	14
	2021	12,466	10,995	5,491	12,152	-834	6,651	20
Oceania	2018	1,353	1,986	424	799	139	1,976	46
	2019	1,410	1,987	337	977	0	2,083	48
	2020	920	1,688	276	649	-111	1,796	41
	2021	694	1,216	498	413	-74	1,072	24
American Samoa	2018	..	0	..	..	..	0	*2
	2019	..	0	..	..	..	0	*2
	2020	..	0	..	..	..	0	*2
	2021	..	0	..	..	..	0	*2

Table 23

Production, trade and supply of fuel oil

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Bunkers	Changes in stocks	Supply	
							Total	Per capita
Australia	2018	765	686	224	504	143	580	23
	2019	909	703	203	677	0	732	29
	2020	740	603	262	574	-97	604	24
	2021	438	295	389	360	4	-20	-1
Cook Islands	2018	..	*5	..	*2	..	*2	*136
	2019	..	*5	..	*2	..	*2	*140
	2020	..	*3	..	*1	..	*2	*117
	2021	..	*3	..	*1	..	*2	*141
Fiji	2018	..	*100	*29	*5	..	*66	*72
	2019	..	*108	*37	*5	..	*66	*72
	2020	..	*73	*13	*2	..	*58	*63
	2021	..	*78	*13	*3	..	*62	*67
French Polynesia	2018	..	70	..	..	2	68	228
	2019	..	73	..	..	2	71	236
	2020	..	65	..	..	-2	67	222
	2021	..	5	..	..	1	3	11
Nauru	2018	..	*9	..	*4	..	*5	*394
	2019	..	*9	..	*4	..	*5	*379
	2020	..	*8	..	*4	..	*5	*374
	2021	..	*9	..	*4	..	*5	*412
New Caledonia	2018	..	449	..	..	-13	462	1,621
	2019	..	458	..	..	19	439	1,538
	2020	..	407	..	..	11	396	1,383
	2021	..	281	..	..	-48	329	1,143
New Zealand	2018	465	..	171	271	-3	26	5
	2019	422	23	97	276	-3	74	15
	2020	80	22	..	57	-16	61	12
	2021	155	38	96	34	-4	67	13
Palau	2018	..	*31	..	..	..	*31	*1,758
	2019	..	*32	..	..	..	*32	*1,775
	2020	..	*31	..	..	..	*31	*1,725
	2021	..	*31	..	..	..	*31	*1,720
Papua New Guinea	2018	122	605	..	7	9	711	76
	2019	80	565	..	7	-9	647	68
	2020	101	471	..	6	8	557	57
	2021	*101	*471	..	*6	*-11	*576	*58
Tonga	2018	..	26	..	0	*1	24	230
	2019	..	7	..	0	*-9	*15	*147
	2020	..	0	..	0	*-16	*16	*148
	2021	..	0	..	0	*-16	*16	*148
Vanuatu	2018	..	*5	..	*5	..	0	0
	2019	..	*6	..	*6	..	0	0
	2020	..	*5	..	*5	..	0	0
	2021	..	*6	..	*6	..	0	0